



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Hurst Awning Company, Inc.
6865 NW 36th Avenue
Miami, FL 33147

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Bahama Shutter

APPROVAL DOCUMENT: Drawing No. 08-121, titled "Bahama Shutter", sheets 1 through 4 of 4, prepared by Knezevich Associates Consulting Engineers, dated June 15, 2008, last revision #2 dated March 20, 2012, signed and sealed by V.J. Knezevich, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, the following statement: "Miami-Dade County Product Control Approved", and NOA number, per TAS-201, TAS-202, and TAS-203, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-1123.02 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, & E-5 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
06/07/2012

NOA No. 12-0328.07
Expiration Date: 02/27/2016
Approval Date: 06/07/2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 95-0113.02

A. DRAWINGS

1. *Drawing No. 94-187, "Bahama Shutter", Sheets 1 and 2 of 2, prepared by Knezevich and Associates, Inc., dated 11/29/94, rev. #2 dated 01/23/95, signed and sealed by V.J. Knezevich, P.E.*
2. *Die Drawing No. GAS-42150 of extruded louver blade.*

B. TESTS

1. *Test report on Large Missile Impact Test and Cyclic Wind Pressure Test of bahama shutters, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-377, dated Nov. 17, 1994, signed and sealed by Hector M. Medina, P.E.*
2. *Test report on Uniform Static Air Pressure Test of bahama shutters, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-373, dated Nov. 15, 1994, signed and sealed by Hector M. Medina, P.E.*

C. CALCULATIONS

1. *Anchor analysis and calculations dated 01/06/95, Pages 1 thru 4 of 4, prepared by Knezevich and Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection Report issued by INDALEX dated Dec. 13, 1994 with chemical composition and physical properties of alum. alloy 6063-T6 for louver blade Part No. GAS-42150.*
2. *Certified Tensile Test Report No. HETI 94-T45, for colonial and bahama shutter specimen, prepared by Hurricane Engineering & Testing, Inc., dated 11/29/94, per ASTM E8-93, signed and sealed by Hector M. Medina, P.E.*

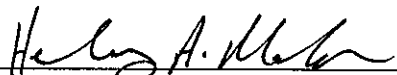
2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 98-0213.06

A. DRAWINGS

1. *Drawing No. 94-187, "Bahama Shutter", Sheets 1 and 2 of 2, prepared by Knezevich and Associates, Inc., dated 11/29/94, rev. #4 dated 02/20/98, signed and sealed by V.J. Knezevich, P.E.*

B. CALCULATIONS

1. *Anchor analysis and calculations dated 02/10/98, Pages 1 thru 4 of 4, prepared by Knezevich and Associates, Inc., signed and sealed by V.J. Knezevich, P.E.*



Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor
NOA No. 12-0328.07
Expiration Date: 02/27/2016
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0301.01

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0312.06

A. DRAWINGS

1. *Drawing No. 00-351, titled "Bahama Shutter", prepared by Knezevich & Associates, Inc., dated January 19, 2001, last revision #1 dated November 20, 2001, sheets 1 through 3 of 3, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0315.01

A. DRAWINGS

See NOA 02-0315.01 (General Notes)

B. TESTS

See NOA 01-0312.06

C. CALCULATIONS


See NOA 01-0312.06

D. MATERIAL CERTIFICATIONS

See NOA 01-0312.06

E. STATEMENTS

See NOA 01-0312.06



Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor
NOA No. 12-0328.07
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. OTHER

See NOA 01-0312.06

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0718.04

A. DRAWINGS

1. *Drawing No. 05-344, titled "Bahama Shutter", sheets 1 through 3 of 3, prepared by Thornton-Tomasetti Group, dated June 28, 2005, last revision #1 dated April 04, 2006, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Anchor analysis and calculations, dated June 17, 2005, 10 Pages, prepared by Thornton-Tomasetti Group, signed and sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0711.08

A. DRAWINGS

1. *Drawing No. 05-344, titled "Bahama Shutter", sheets 1 through 3 of 3, prepared by Thornton-Tomasetti Group, dated June 28, 2005, last revision #2 dated June 28, 2006, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

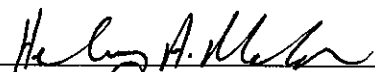
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor

NOA No. 12-0328.07

Expiration Date: 02/27/2016

Approval Date: 06/07/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0623.03

A. DRAWINGS

1. *Drawing No. 08-121, titled "Bahama Shutter", sheets 1 through 4 of 4, prepared by Knezevich Associates Consulting Engineers, dated June 15, 2008, last revision #1 dated July 15, 2008, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of bahama shutters, prepared by Construction Testing Corporation, Report No. 08-004 A, dated May 27, 2008, signed and sealed by Yamil G. Kuri, P.E.*
2. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of bahama shutters, prepared by Construction Testing Corporation, Report No. 08-004 B, dated May 27, 2008, signed and sealed by Yamil G. Kuri, P.E.*
3. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of bahama shutters, prepared by Construction Testing Corporation, Report No. 08-004 C, dated May 27, 2008, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

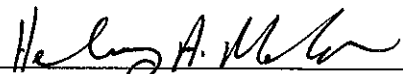
1. *Anchor analysis and calculations, dated June 12, 2008, 17 Pages, prepared by Knezevich Associates Consulting Engineers, signed & sealed by V.J. Knezevich, P.E.*
2. *Anchor analysis and calculations, dated July 15, 2008, 5 Pages, prepared by Knezevich Associates Consulting Engineers, signed & sealed by V.J. Knezevich, P.E.*
3. *Anchor analysis and calculations, dated July 17, 2008, 5 Pages, prepared by Knezevich Associates Consulting Engineers, signed & sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor
NOA No. 12-0328.07
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-1123.02

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *None.*

10. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 08-121, titled "Bahama Shutter", sheets 1 through 4 of 4, prepared by Knezevich Associates Consulting Engineers, dated June 15, 2008, last revision #2 dated March 20, 2012, signed and sealed by V.J. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

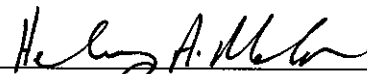
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of compliance with the Florida Building Code, 2010 Edition, prepared by Knezevich Associates on March 20, 2012, signed and sealed by V. John Knezevich, P.E.*

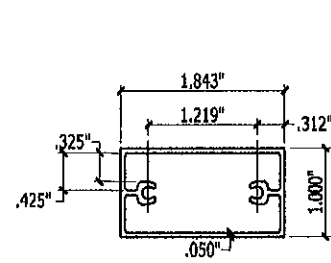


Helmy A. Makar, P.E., M.S.
RER, Product Control Unit Supervisor

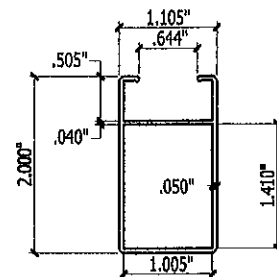
NOA No. 12-0328.07

Expiration Date: 02/27/2016

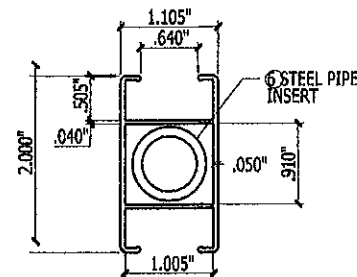
Approval Date: 06/07/2012



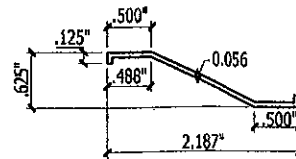
1 TOP & BOTTOM RAIL
SCALE: HALF SIZE



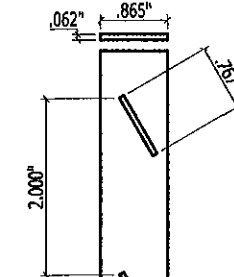
2 JAMB
SCALE: HALF SIZE



3 CENTER MULLION
SCALE: HALF SIZE



4 LOUVER SLAT
SCALE: HALF SIZE

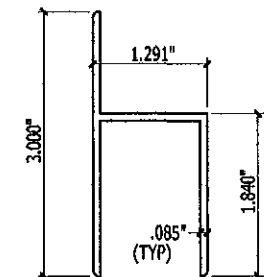


5 LOUVER STRIP
SCALE: HALF SIZE



ASTM A53 TYPE S GRADE B
1/2" STD (SCH 40)

6 STEEL PIPE INSERT
SCALE: HALF SIZE



7 TIE DOWN
SCALE: HALF SIZE

GENERAL NOTES:

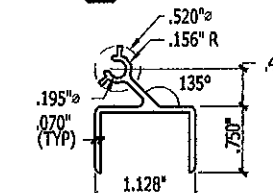
- THESE EVALUATION DOCUMENTS REPRESENT A SHUTTER SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL SECTION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE 2010.
- NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD LAG SCREW DESIGN.
- DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH ASCE 7-10, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ SHALL BE USED.
- THESE EVALUATION DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
- USE OF THESE EVALUATION DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
- THESE EVALUATION DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN.
- ANY MODIFICATIONS OR ADDITIONS TO THESE EVALUATION DOCUMENTS WILL VOID THE EVALUATION DOCUMENTS.
- WHEN THE SITE CONDITIONS DEVIATE FROM THESE EVALUATION DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION.
 - REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.

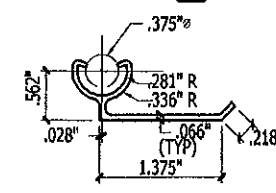
- THE 73-1/2" PROJECTION FOR THIS SHUTTER SYSTEM HAS A MAXIMUM PERFORMANCE RATING IN THE CLOSED POSITION OF:
DESIGN LOAD +68.0 PSF, -92.0 PSF
- THE 96" PROJECTION FOR THIS SHUTTER SYSTEM HAS A MAXIMUM PERFORMANCE RATING IN THE CLOSED POSITION OF:
DESIGN LOAD +46.5 PSF, -62.4 PSF
- PRODUCT MARKINGS SHALL BE A MIN. OF ONE PER SHUTTER AND SHALL BE LABELED AS FOLLOWS:

HURST AWNING CO., INC.
MIAMI, FLORIDA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED

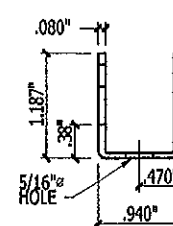
- ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
- ALL SCREWS, BOLTS AND WASHERS TO BE 2024-T4 ALUMINUM ALLOY, STAINLESS STEEL, OR GALVANIZED STEEL WITH A 33 KSI MINIMUM YIELD STRENGTH. ALL POP RIVETS SHALL BE 3/16" DIAMETER 5052-T6 ALUMINUM ALLOY.
- THIS SHUTTER SHALL BE PROVIDED WITH A PERMANENT LABEL INSTRUCTING THE OWNER OR TENANT TO CLOSE AND FASTEN THE SHUTTER TO THE WALL DURING PERIODS OF TIME THAT ARE DESIGNATED BY THE US WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT.
- WHEN THE BAHAMA SHUTTER IS IN THE CLOSED POSITION AND THERE IS A GAP BETWEEN THE SHUTTER AND THE STRUCTURE THAT IS GREATER THAN 1/4" ON THE SIDES OR BOTTOM, ONE OF THE FOLLOWING MUST BE DONE:
 - ENLARGE THE BAHAMA SHUTTER SO AS TO HAVE THE SHUTTER OVERLAP THE OPENING THAT THE SHUTTER IS PROTECTING BY 1.5 TIMES THE GAP, ON ALL SIDES THAT HAVE THE GAP DESCRIBED ABOVE.
 - PROVIDE CLOSURES TO COVER ANY GAPS GREATER THAN 1/4" AND LESS THAN OR EQUAL TO 5". USE MAX. 2" x 5" x 1/8" ALUMINUM ANGLE ATTACHED TO WALL WITH ANY ANCHOR SHOWN IN ANCHOR SCHEDULE @ 16" O.C. THROUGH THE 2" LEG OF THE ANGLE, INTO THE WALL.



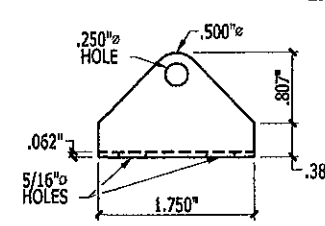
9 MALE HINGE
SCALE: HALF SIZE



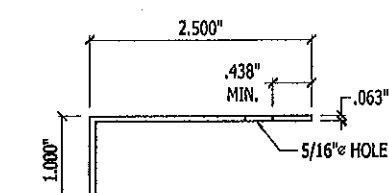
10 FEMALE HINGE
SCALE: HALF SIZE



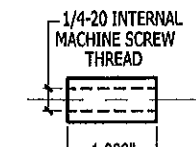
11 CAMEL BACK HINGE
SCALE: HALF SIZE



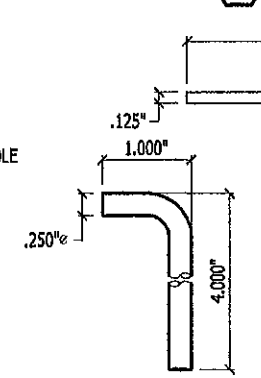
13 ANGLE
SCALE: HALF SIZE



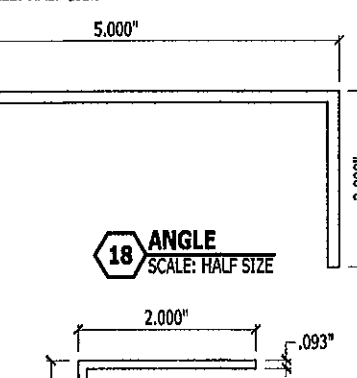
14 ANGLE
SCALE: HALF SIZE



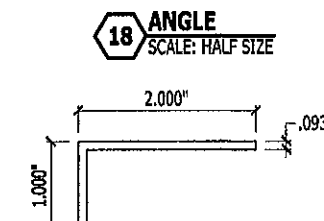
15 COUPLING
SCALE: HALF SIZE



16 PIN
SCALE: HALF SIZE

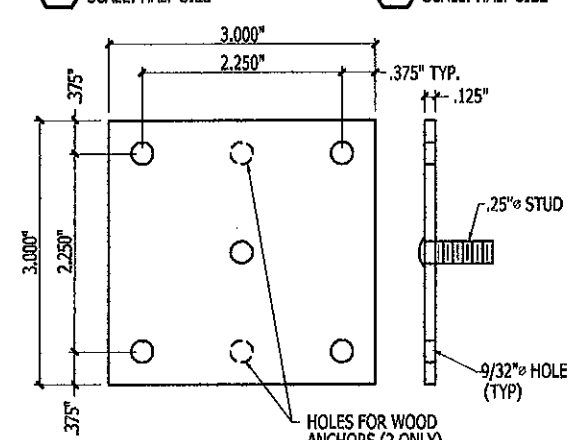


17 ANGLE
SCALE: HALF SIZE

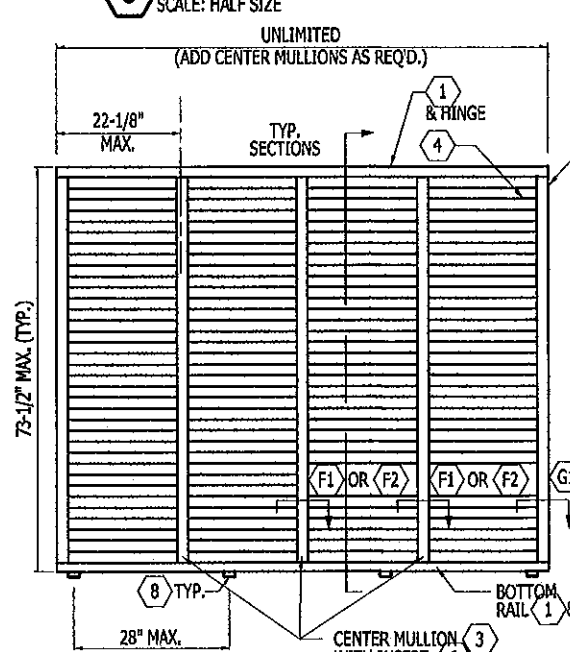


18 ANGLE
SCALE: HALF SIZE

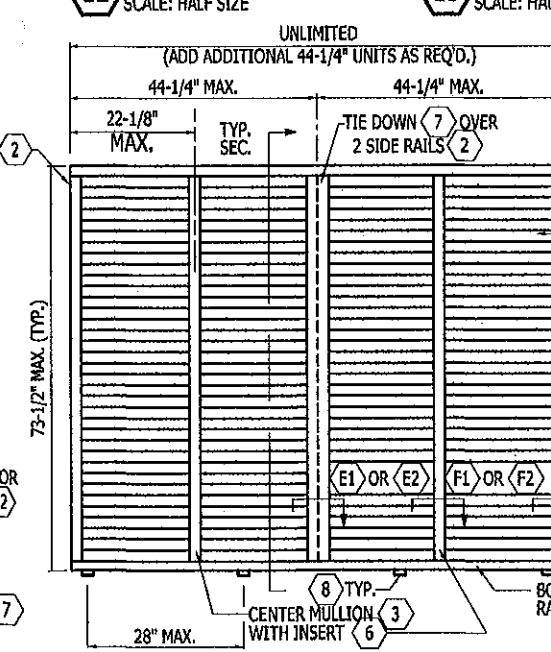
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0328.07
Expiration Date 02/27/2016
By *[Signature]*
Miami Dade Product Control



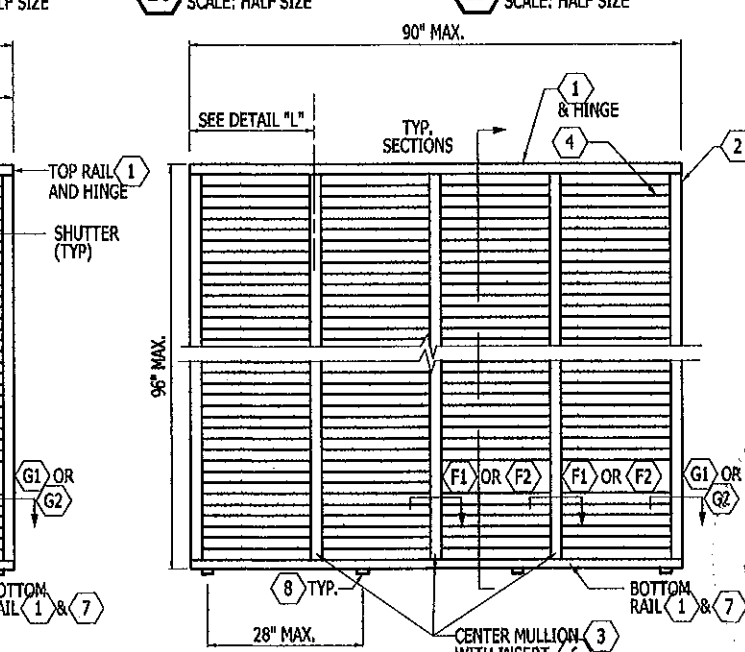
8 TIE DOWN PLATE
SCALE: HALF SIZE



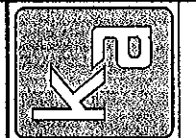
TYPICAL ELEVATION (SINGLE UNIT)
SCALE: 3/8" = 1'-0"



TYPICAL ELEVATION (MULTIPLE UNITS)
SCALE: 3/8" = 1'-0"



TYPICAL ELEVATION (SINGLE UNIT)
SCALE: N.T.S.

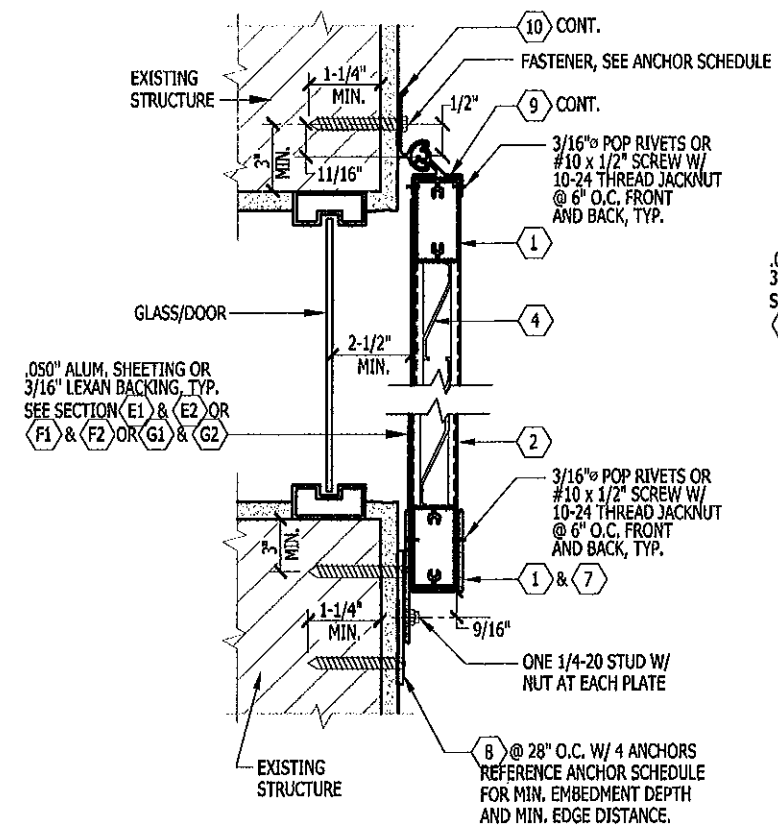


KNEZEVICH ASSOCIATES
Consulting Engineers • COA 27989
2590 S.W. 105th Terrace • Davie, Florida 33324
T (954) 821-6933 • V1@Knezevich-Associates.com
www.Knezevich-Associates.com
Copyright © 2012 VJKnezevich & Associates, LLC d/b/a Knezevich Associates

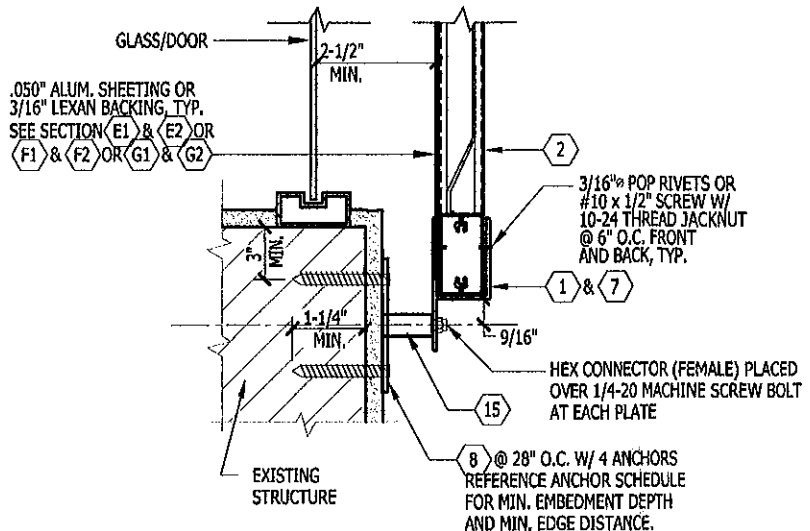
BAHAMA SHUTTER
Manufacturers of Hurricane & Security Protection Products
6865 N.W. 36th Avenue
Miami, Florida 33147
Phone: (305) 635-0900
Toll Free: (800) 377-0905
Fax: (305) 634-9078

no	date	by	description
1	08/15/2008	VJK	PRELIMINARY DRAWING NO. 08-121
2	07/25/2008	VJK	MIAMI-DADE COUNTY COMMENTS
3	07/25/2008	VJK	FLORIDA BUILDING CODE CHANGES

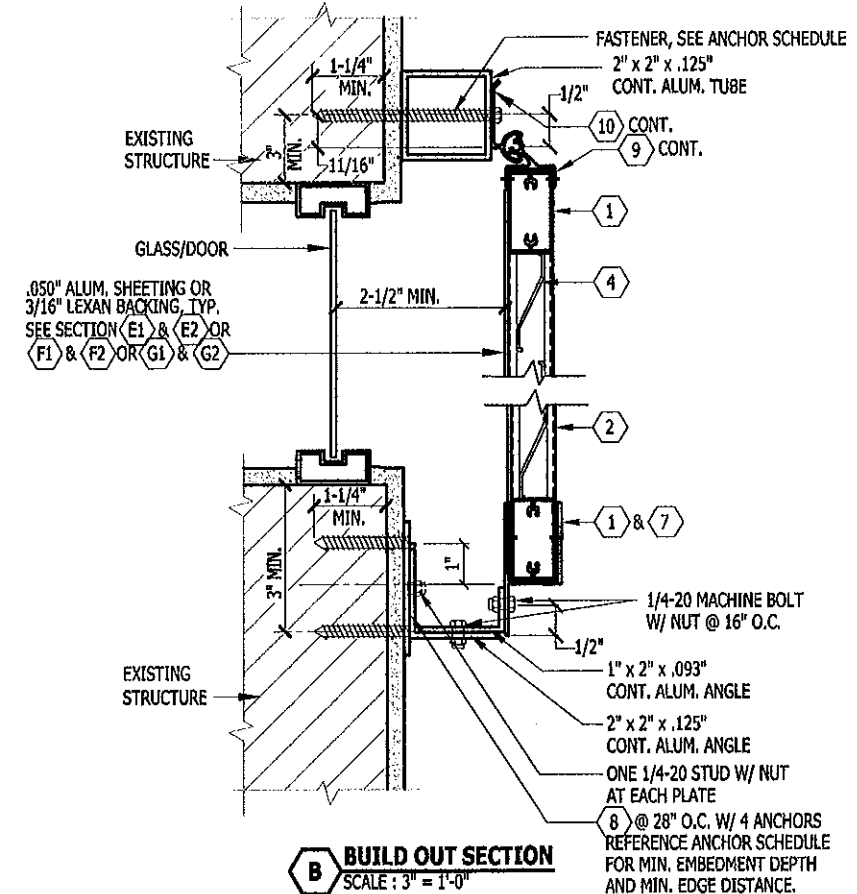
V.J. Knezevich
Professional Engineer
FL License No. P90010983
MAR 20 2012
06/15/2008
08-121
Sheet 1 of 4



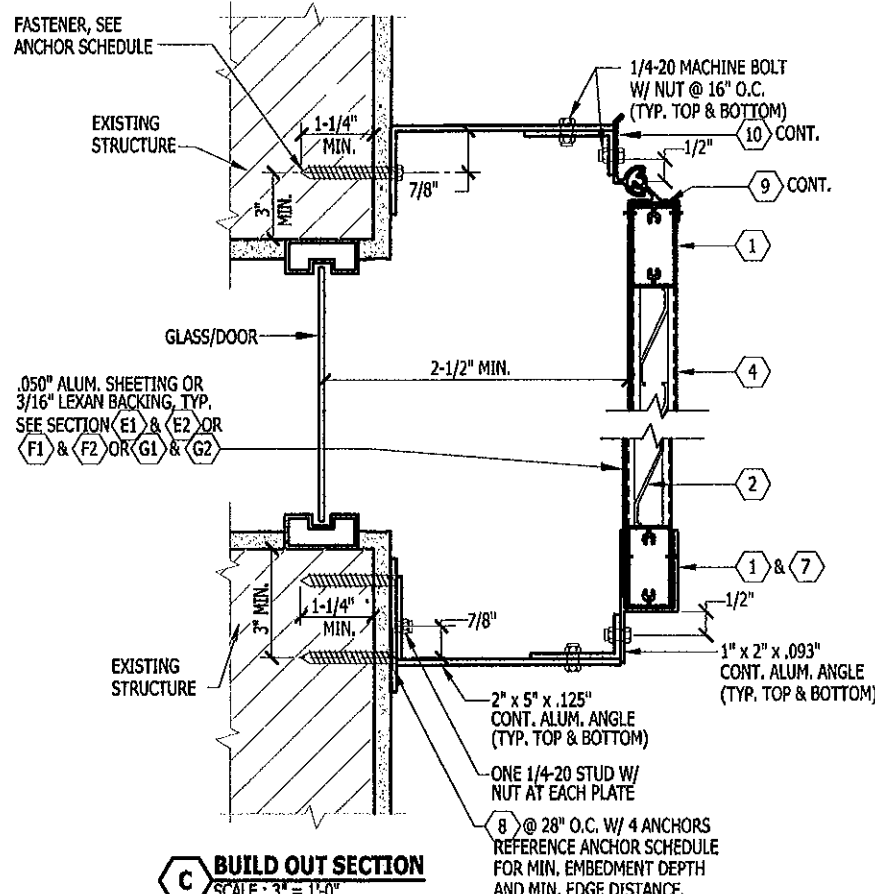
A WALL MOUNT SECTION
SCALE: 3" = 1'-0"



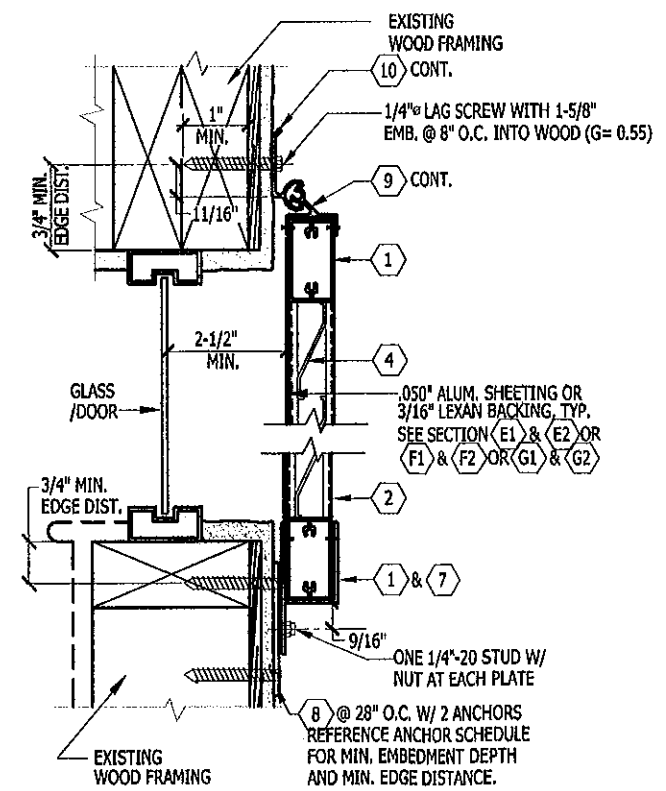
A1 ALT. WALL MOUNT SECTION
SCALE: 3" = 1'-0"



B BUILD OUT SECTION
SCALE: 3" = 1'-0"

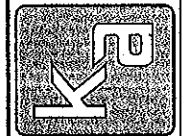


C BUILD OUT SECTION
SCALE: 3" = 1'-0"



D WALL MOUNT SECTION - WOOD FRAMING
SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0328.07
Expiration Date 02/27/2016
By *Heather A. Mahon*
Miami Dade Product Control



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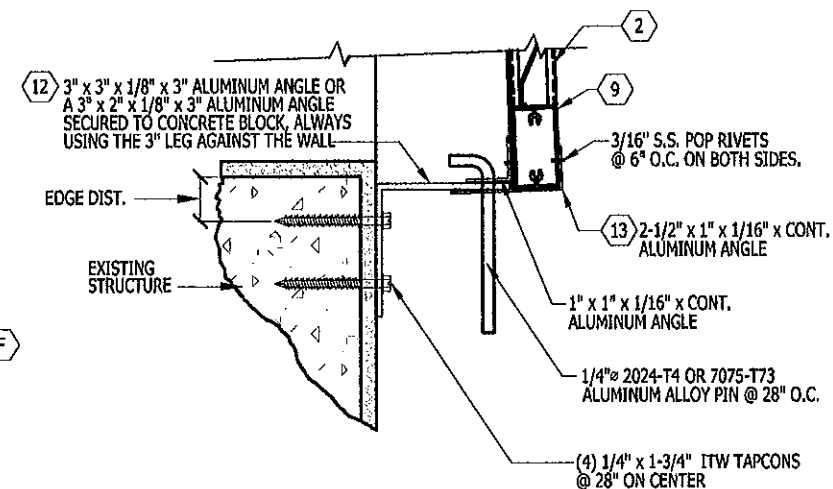
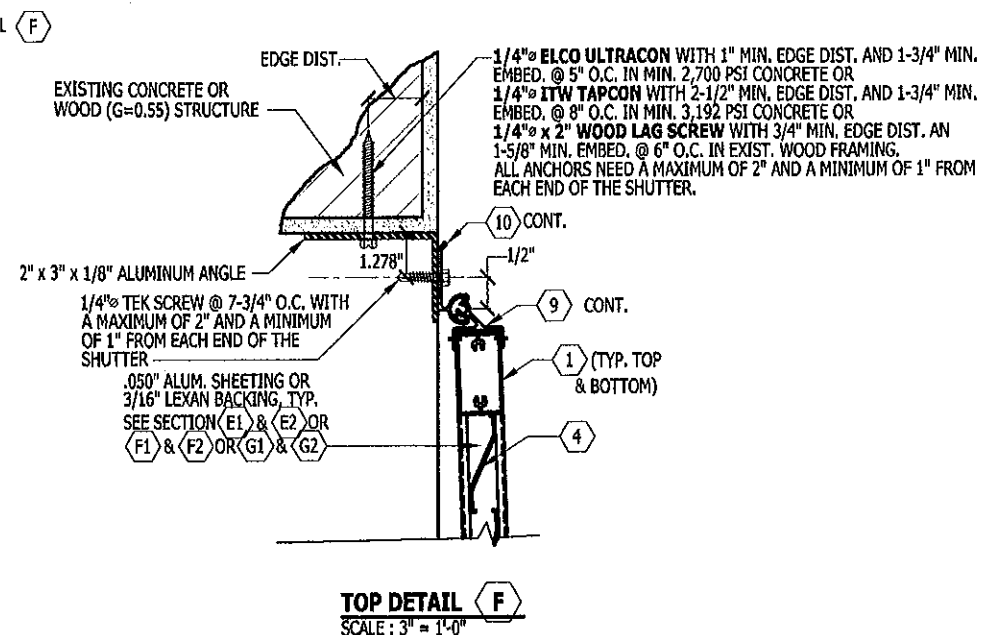
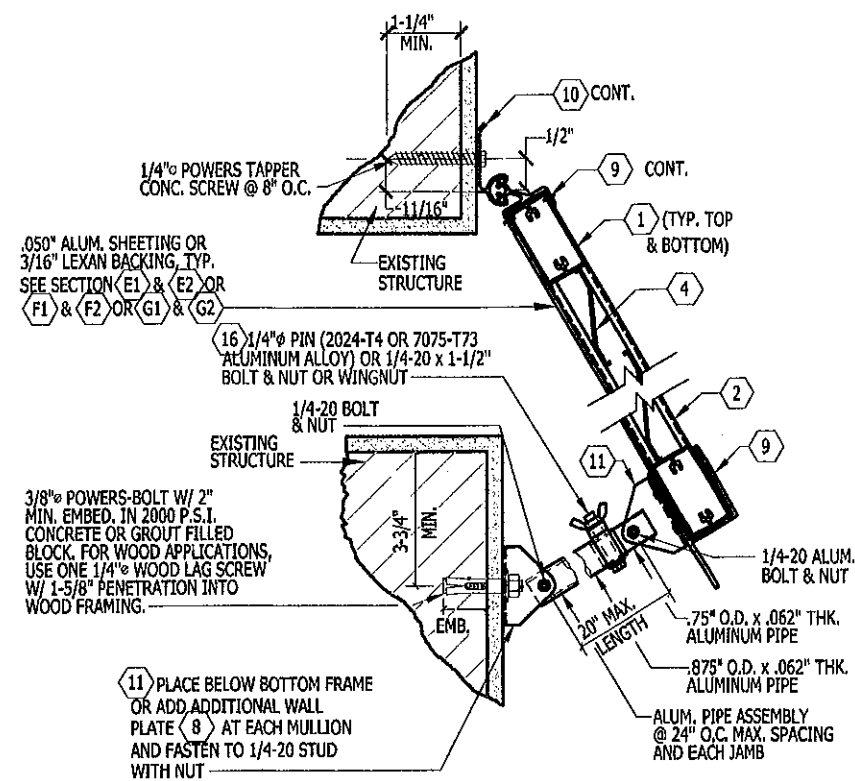
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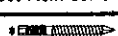
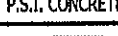

Manufacturers of Hurricane & Security Protection Products
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Miami, Florida 33147
Phone: (305) 635-0900
Toll Free: (800) 327-0905
Fax: (305) 634-9078

revisions		description	
no	date	by	description
1	07/25/08	VK	PERMITS DRAWING FOR 08-121
2	07/25/08	VK	MISPLACED CENTER COMMENTS
3	02/27/16	VK	FLUOR BUILDING CODE CHANGES

V.J. Knezevich
Professional Engineer
FL License No. PE 0010933

Heather A. Mahon
MAR 20 2012
date 06/15/2008
drawing no. 08-121
sheet 2 of 4



ANCHOR SCHEDULE - CLOSED POSITION				
EXIST. STRUC.	ANCHOR TYPE	FASTENER SPACING FOR TOP	FASTENER SPACING FOR (C) TOP & BOTTOM AND (B) BOTTOM W/ FLANGES TOWARDS OPENING ONLY	NO. OF FASTENERS FOR (A) X (B) X (C) X (D) BOTTOM, WITH FLANGES TOWARDS OPENING ON DETAILS (B) AND (C).
HOLLOW CONC. BLOCK	 1/4" POWERS PERMA SEAL CARBON STEEL TAPPER WITH 1-1/4" MINIMUM EMBEDMENT AND 3" MINIMUM EDGE DISTANCE	4-3/4"	5-3/8"	4
	 5/16" ITW BUILDDEX TAPCON WITH 1.25" MIN. EMBEDMENT AND 4" MIN. EDGE DISTANCE	7"	8"	N/A
	 1/4" ELCO MALE/FEMALE "PANELMATE" WITH 1-1/4" MINIMUM EMBEDMENT AND 3" MINIMUM EDGE DISTANCE	7"	8"	4
CONCRETE	 1/4" POWERS PERMA SEAL CARBON STEEL TAPPER WITH 1-3/4" MINIMUM EMBEDMENT AND 3" MINIMUM EDGE DISTANCE (MINIMUM 2,000 P.S.I. CONCRETE)	8"	8"	4
	 1/4" ELCO MALE/FEMALE "PANELMATE" WITH 1-3/4" MINIMUM EMBEDMENT AND 2-1/2" MINIMUM EDGE DISTANCE (MINIMUM 3,350 P.S.I. CONCRETE)	8"	8"	4
WOOD (G=0.50-0.53)	 1/4" ELCO MALE/FEMALE "PANELMATE" WITH 1-7/8" MINIMUM EMBEDMENT AND 3/4" MINIMUM EDGE DISTANCE	8"	8"	2
	 1/4" WOOD LAG SCREW W/ 1-5/8" MIN. EMBED. AND 3/4" MIN. EDGE DISTANCE	8"	8"	2

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0328.07
Expiration Date 02/27/2016
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BAHAMAS SHUTTLE

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HURST

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AWNING COMPANY, INC.
"QUALITY SERVICE SINCE 1967"



HURST
AWNING COMPANY, INC.
"QUALITY SERVICE SINCE 1957"

no	date	by	description
1	05/15/2008	WJ	PROPERTY TAXES FOR 2008
2	05/15/2008	WJ	MAINTENANCE COMPANY CHARGES
3	05/15/2008	WJ	FLORIDA BUILDING CODE CHARGES
4	05/22/2012	WJ	
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V.J. Knezevich
Professional Engineer
Fl. License No.: PE 0010983

10

1. *[Signature]*

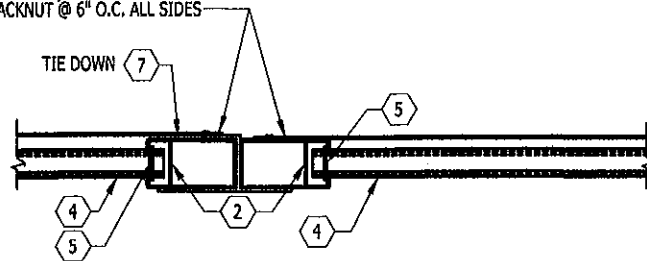
MAR 20 2012

ARV	AS NOTED
date	06/15/2008

08-121

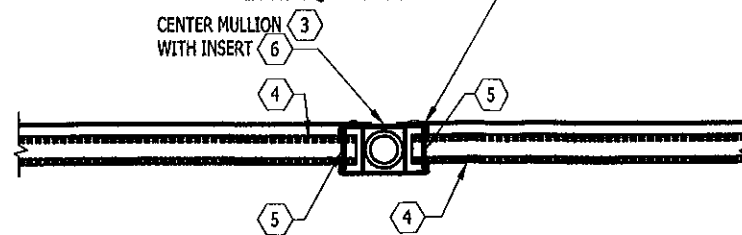
sheet 3 of 4

0.050" ALUM. SHEETING
(3003-H14) W/ 3/16"
POP RIVET OR #10 x 1/2"
SCREW W/ 10-24 THREAD
JACKNUT @ 6" O.C. ALL SIDES

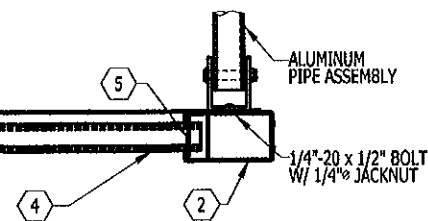


**E1 ALUMINUM BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"

0.050" ALUM. SHEETING
(3003-H14) W/ 3/16"
POP RIVET OR #10 x 1/2"
SCREW W/ 10-24 THREAD
JACKNUT @ 6" O.C. ALL SIDES

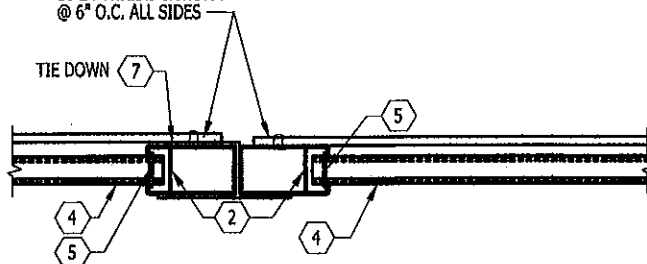


**F1 ALUMINUM BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"



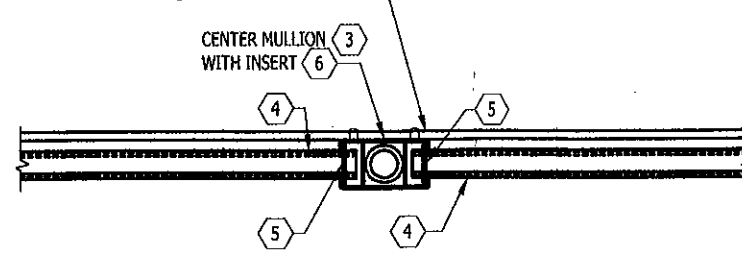
**G1 ALUMINUM BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"

3/16" LEXAN W/ 3/16"
ALUM. POP RIVETS OR
#10 x 1/2" SCREW W/
10-24 THREAD JACKNUT
@ 6" O.C. ALL SIDES

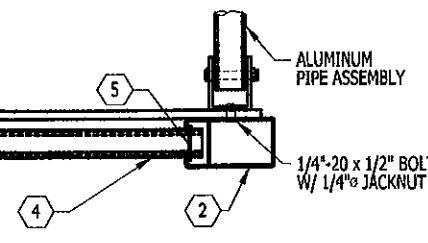


**E2 LEXAN BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"

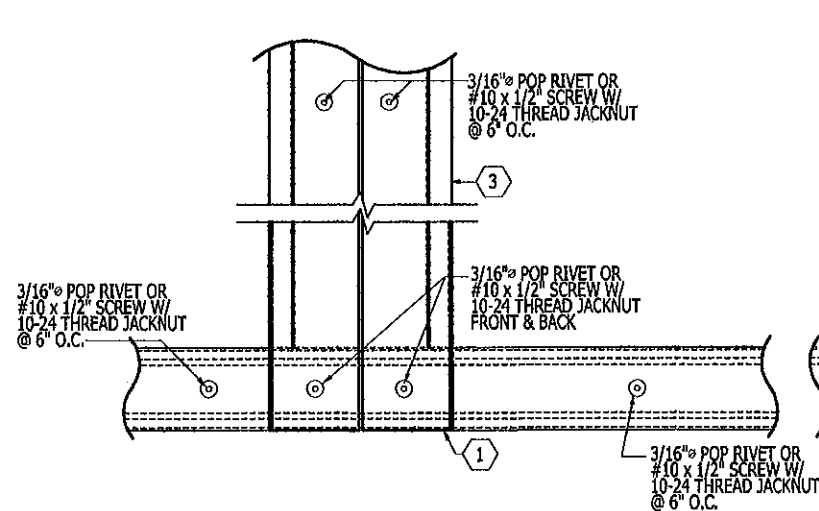
3/16" LEXAN W/ 3/16"
ALUM. POP RIVETS OR
#10 x 1/2" SCREW W/
10-24 THREAD JACKNUT
@ 6" O.C. ALL SIDES



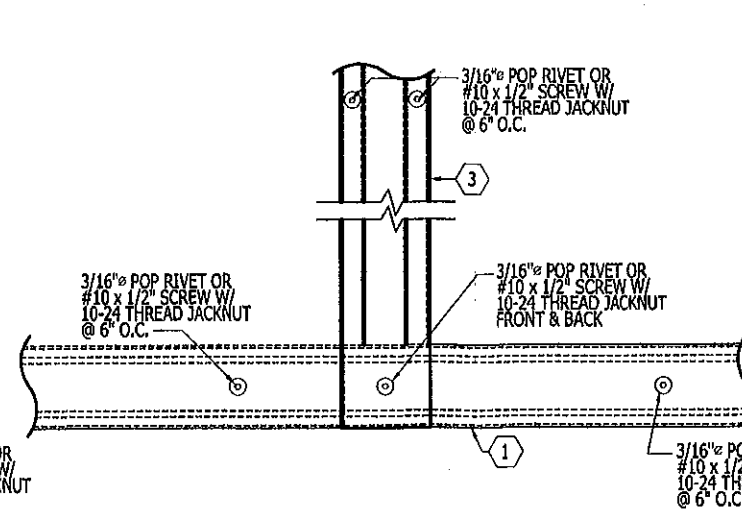
**F2 LEXAN BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"



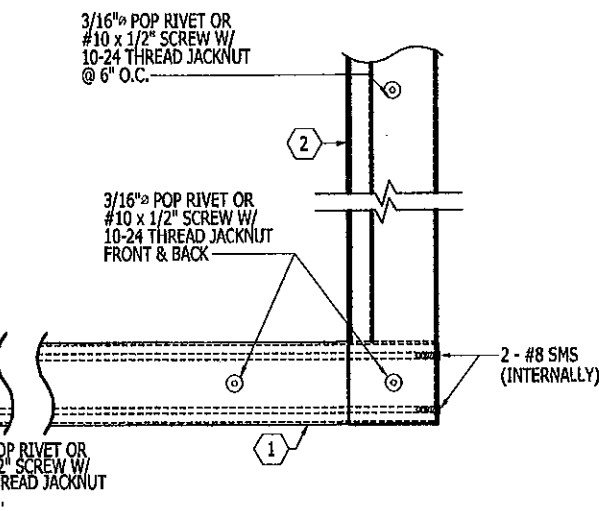
**G2 LEXAN BACKING
TYPICAL SECTION**
SCALE: 3" = 1'-0"



**H TYPICAL TWO JAMB TO
TOP & BOTTOM RAIL CONNECTION**
SCALE: 3" = 1'-0"

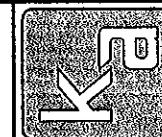


**J TYPICAL CENTER MULLION TO
TOP & BOTTOM RAIL CONNECTION**
SCALE: 3" = 1'-0"



**K TYPICAL JAMB TO
TOP & BOTTOM RAIL CONNECTION**
SCALE: 3" = 1'-0"

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V.J. Knezevich
Professional Engineer
License No.: PE 0010983
[Signature]
MAR 20 2012
drawn by *[Signature]* scale AS NOTED
date 06/15/2008
drawing no. **08-121**
sheet 4 of 4